Shenzhen Most Technology Service Co., Ltd.
No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China.

RF Exposure Evaluation Report

Report Reference No......:	**MTEB22120269-H**
FCC ID..... **:**	**2AS5Z-EDGEPRO**
Compiled by (position+printed name+signature)..:	File administrators Alisa Luo
Supervised by (position+printed name+signature)..:	Test Engineer Sunny Deng
Approved by (position+printed name+signature)..:	Manager Yvette Zhou
Date of issue.....:	**December 30, 2022**
Representative Laboratory Name .:	**Shenzhen Most Technology Service Co., Ltd.**
Address .....:	No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China.
Applicant's name.....:	**Ferraris Group Sagl**
Address .....:	Corso San Gottardo 99, Chiasso, Switzerland
Test specification/ Standard .....**:**	**FCC CFR Title 47 Part 15 Subpart C** **FCC KDB 680106 D01 RF Exposure Wireless Charging Apps v03r01**
TRF Originator.....:	Shenzhen Most Technology Service Co., Ltd.

Test item description .....:	**Wireless Charger**
Trade Mark .....:	Rolling Square
Manufacturer .....:	Shenzhen Yuwei Technology Co., Ltd
Model/Type reference.....:	EDGE PRO-Wireless Charger
Modulation Type .....:	FSK
Operation Frequency.....:	110-205KHz
Rating .....:	Input: DC5V/2A& 9.0V/2A&12V/1.67A Crest wireless charger Output:15W,10 W ,7.5 W ,5W
Hardware Version .....:	N/A
Software Version .....:	N/A
Result.....:	**PASS**

T E S T R E P O R T

Equipment under Test	:	Wireless Charger
Model /Type	:	EDGE PRO-Wireless Charger
Applicant	:	Ferraris Group Sagl
Address	:	Corso San Gottardo 99, Chiasso, Switzerland
Manufacturer	:	Shenzhen Yuwei Technology Co., Ltd
Address	:	311, Floor 3, Building 1, Haochuang Longhua Industrial Park, 95 Yousong Road, Fukang Community, Longhua Street, Longhua District, Shenzhen

Test Result:	**PASS**

1. Revision History

Revision	Issue Date	Revisions	Revised By
00	2022.12.30	Initial Issue	Alisa Luo

2. SAR Evaluation

2.1 RF Exposure Compliance Requirement

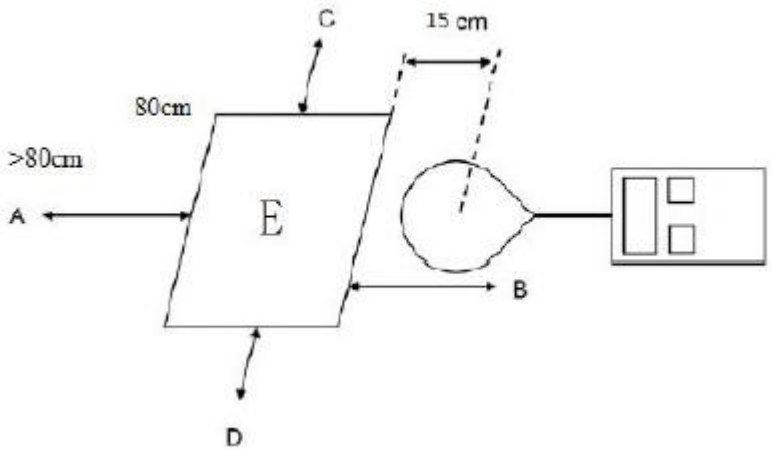
2.1.1 Standard Requirement

According to FCC CFR Title 47 Part 15 Subpart C
FCC KDB 680106 D01 RF Exposure Wireless Charging Apps v03r01

2.1.2 Limits

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. According to §1.1310 and §2.1093 RF exposure is calculated. According KDB680106 D01v03r01: RF Exposure Wireless Charging.

Test Setup:



E to position is 20cm.

2.1.3 Test Procedure:

1: The RF exposure test was performed on 80cm insulated table in anechoic chamber.

2: The measurement probe was placed at test distance (15cm) which is between the edge of the charger and the geometric centre of probe.

3: The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed.

4: The EUT were measured according to the dictates of KDB 680106D01v03r01.

2.1.4 Test Mode: Charging + Transmitting Mode

2.1.5 Test Instruments

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Exposure Level Tester	narda	ELT-400	N-0231	2022.4.15	1 Year
2	Magnetic field probe 100cm2	narda	ELT probe 100cm2	M0675	2022.4.15	1 Year
3	Isotropic Electric Field Probe	narda	EP-601	511WX60706	2022.4.15	1 Year

The EUT does comply with section 5 b) of KDB 680106 D01 RF Exposure Wireless charging App V03r01.

Conditions requirement	Answers
Power transfer frequency is less than 1 MHz.	After measuring the product the transfer frequency is 0.110-0.205MHz
Output power from each primary coil is less than or equal to 15 watts.	After measuring the product the each primary coil power is 15 watts
The system may consist of more than one source primary coils, charging one or more clients. If more than one primary coil is present, the coil pairs may be powered on at the same time.	The transfer system include signal primary.
Client device is placed directly in contact with the transmitter.	Client device is placed directly in contact with the transmitter.
Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).	Mobile exposure conditions only.
The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.	After measuring the product the Max H-field Strength is 0.704 A/m Far less than 50% of the MPE limit.

2.1.6 Test data

For Full load mode:

H-Filed Strength at 15 cm for position A,B,C,D 20cm for position E from the edges surrounding the EUT (A/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position B	Test Position D	Test Position E	Limit (50%) (A/m)	Limits Test (A/m)
0.110-0.205	0.704	0.636	0.606	0.620	0.643	0.815	1.63

For Half load mode:

H-Filed Strength at 15 cm for position A,B,C,D 20cm for position E from the edges surrounding the EUT (A/m)

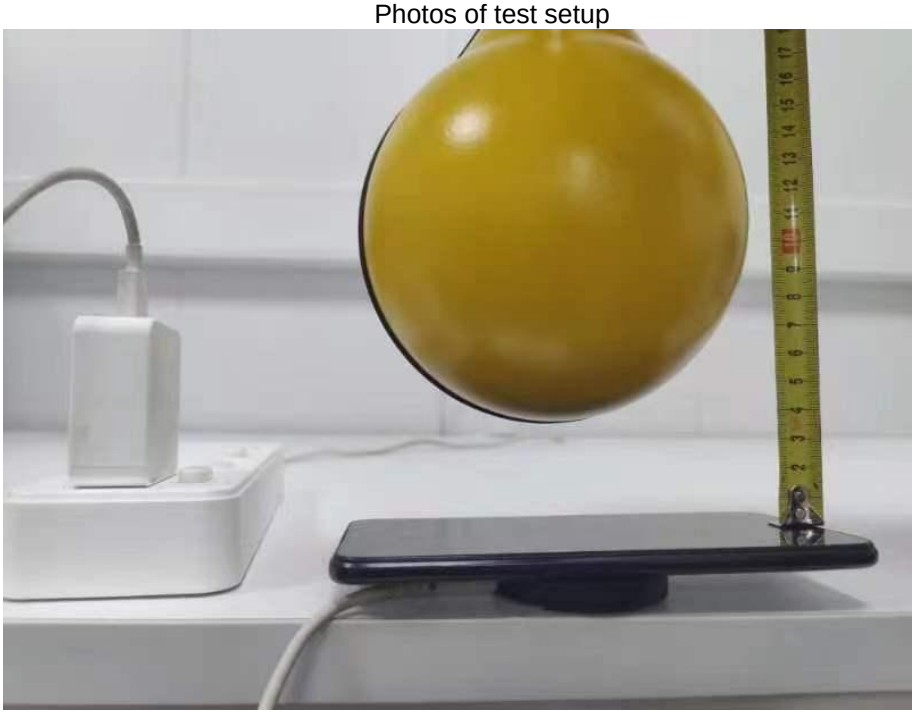
Frequency Range (MHz)	Test Position A	Test Position B	Test Position B	Test Position D	Test Position E	Limit (50%) (A/m)	Limits Test (A/m)
0.110-0.205	0.697	0.625	0.598	0.597	0.621	0.815	1.63

For Null load mode:

H-Filed Strength at 15 cm for position A,B,C,D 20cm for position E from the edges surrounding the EUT (A/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position B	Test Position D	Test Position E	Limit (50%) (A/m)	Limits Test (A/m)
0.110-0.205	0.677	0.596	0.625	0.618	0.601	0.815	1.63

Photos of test setup



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